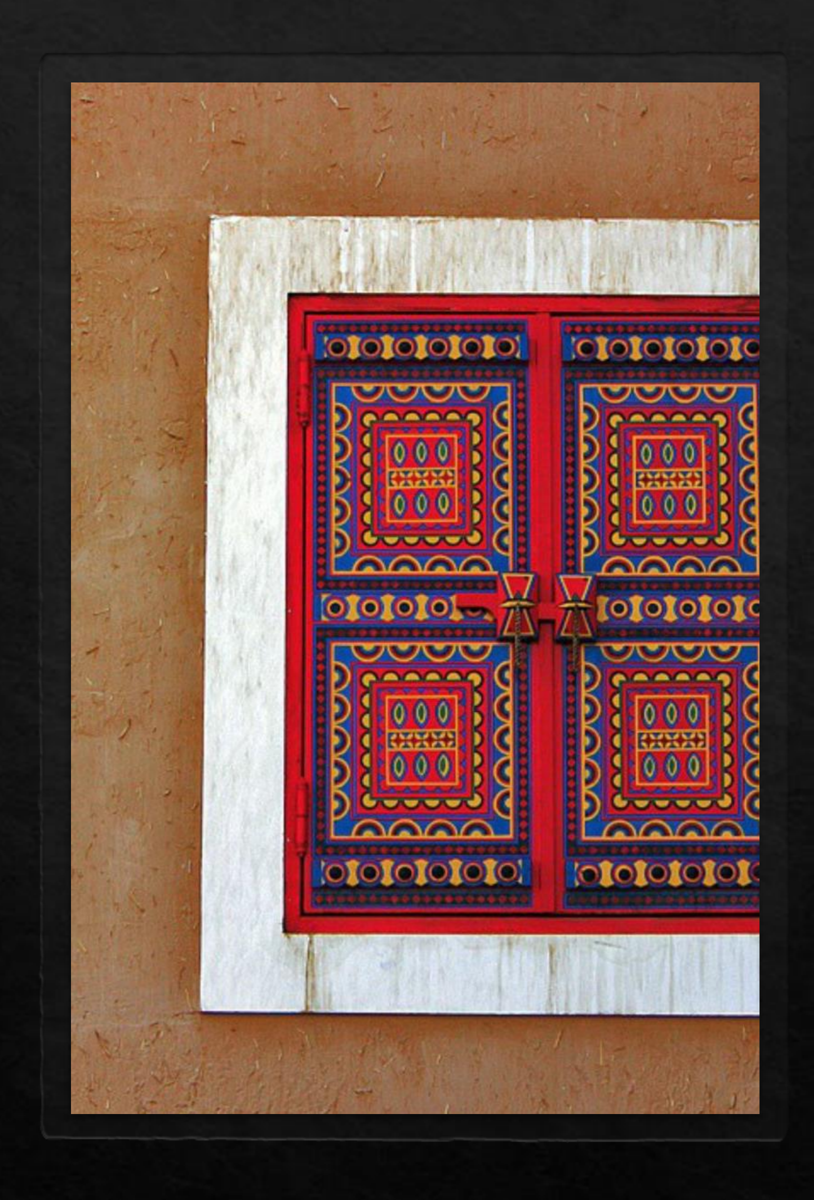


CLIMATE IN NAJD ARCHITECTURE



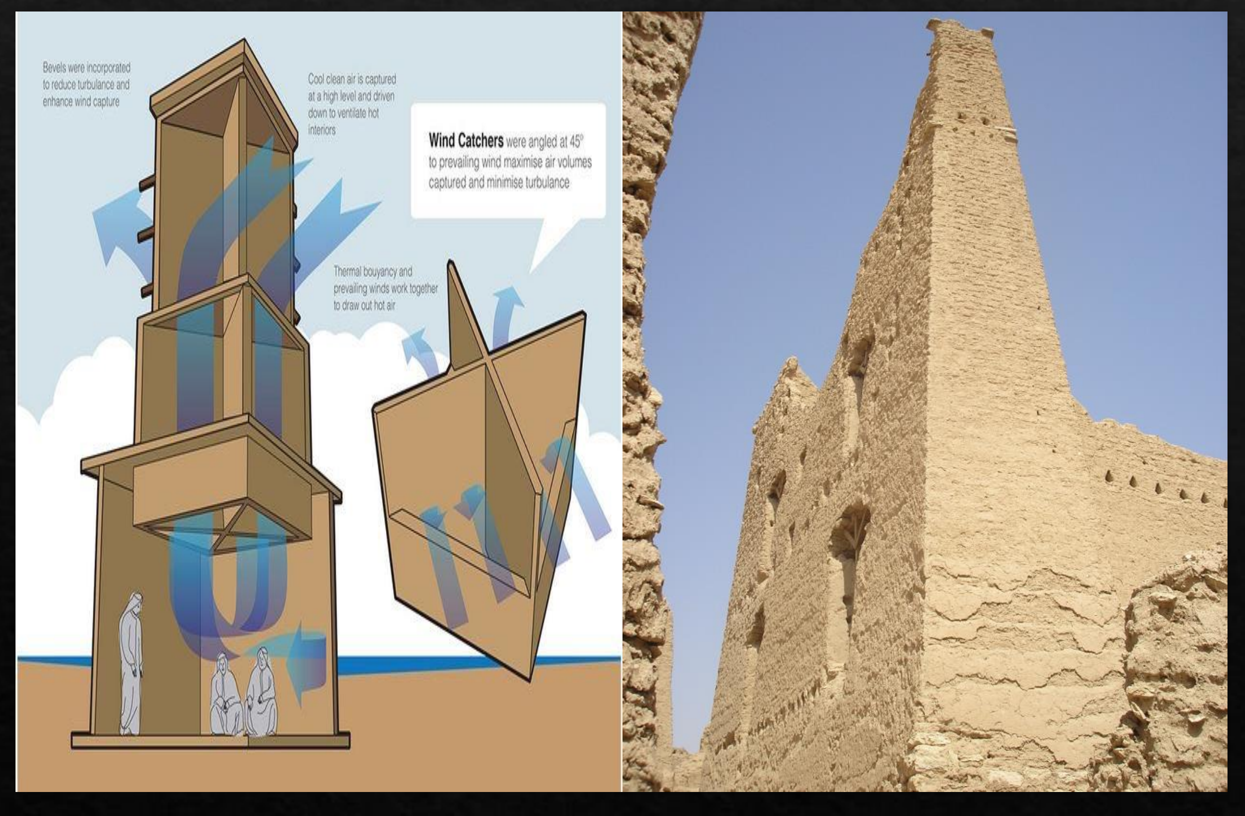
Presentation by: Saud Basem Al-Hazmi

Prof. Hisham Mortada

Subject: Architecture and Heritage-XD

2020/2021

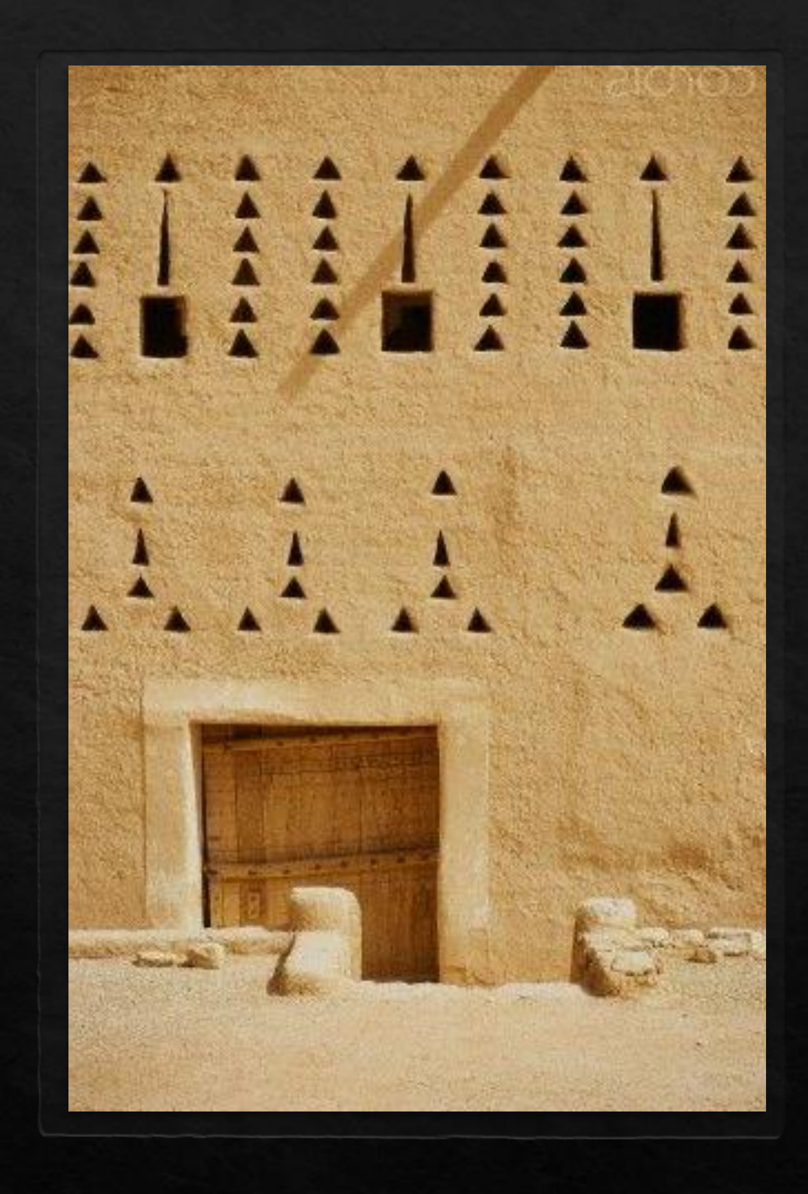




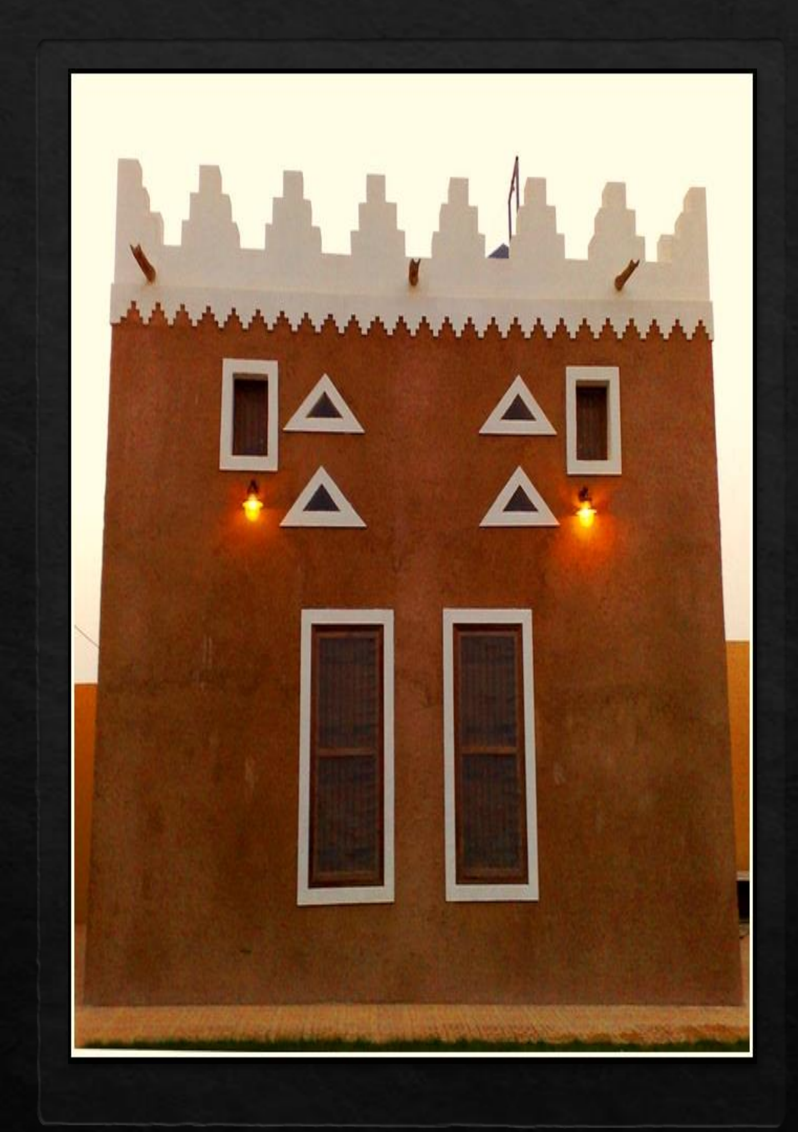
It picks up the air and it's called a "glove" and has a dust protection filter inside, the way it has vents in the wall to receive and return air and come in the form of a tower in Najd.



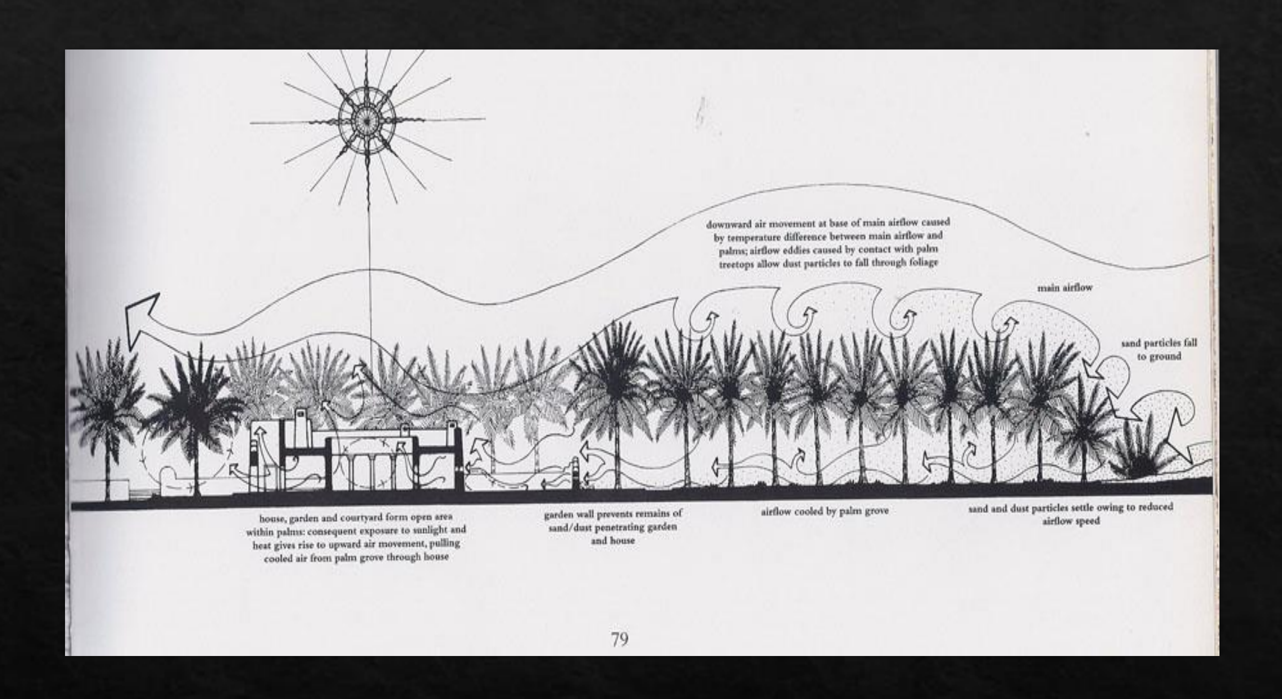
The shadows in the Najd architecture used in the corridors of the houses and are often a corridor for women and safe for children to play, which protects them from the intense sunlight in Najd



There were no air conditioners and fans, but the house enjoyed a suitable cold in summer and warmth in winter Mud houses have the thermal insulation feature; they are heat-resistant, cold in summer, and cold breezes turn into winter heat.



There were lower windows and upper windows, small upper windows and large lower windows because the hot air goes up and cold down, which makes the room atmosphere good.



One key aspect was to surround the house with palm trees. The palms acted as natural barriers against the sand. The air was cooled as it swept through the shaded areas under the palms. Upon reaching the garden, walls kept any remaining dust and sand from entering the house.

THE END